

ILLEGIB

Approved For Release 2001/03/03 : CIA-RDP78T05439A000500230037-5

Approved For Release 2001/03/03 : CIA-RDP78T05439A000500230037-5

~~TOP SECRET~~

S-18688

COPY 8

TCS 9182/65

4 PAGES

DATE July 1965

CENTRAL INTELLIGENCE AGENCY
PHOTOGRAPHIC INTELLIGENCE DIVISION
PHOTOGRAPHIC INTELLIGENCE REPORT

KAZAN AIRCRAFT ENGINE PLANT NO. 16

CIA/PIR - 65002



Handle Via TALENT - KEYHOLE Controls Jointly

WARNING

This document contains classified information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793 and 794. The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive TALENT-KEYHOLE information. Its security must be maintained in accordance with KEYHOLE and TALENT regulations.

Declass Review by NIMA / DoD

~~TOP SECRET~~

GROUP 1
Excluded from automatic
downgrading and declassification

TOP SECRET CHESS RUFF

CIA, PHOTOGRAPHIC INTELLIGENCE DIVISION

TCS - 9182/65
CIA/PIR-65002

KAZAN AIRCRAFT ENGINE PLANT NO. 16

25X1D

The Kazan Aircraft Engine Plant NO. 16 was observed on TALENT Mission [REDACTED] and contained at that time approximately 2,027,030 square feet of floorspace. A comparison of this photography with that from Mission 25X1D [REDACTED], reveals that additions totaling 218,025 square feet were constructed, bringing the total floorspace of the plant to 2,245,055 square feet.

25X1D

The major additions include a machine shop/subassembly building (item 11) Figure 1), a machine shop (item 10) and a 43,125 square foot addition to the machine shop/engineering building (item 3). The construction of the machine shop/subassembly building (item 11) was underway in [REDACTED] and was completed by [REDACTED]. The machine shop (item 10) was under construction by [REDACTED] and was complete by [REDACTED]. The addition to the shop/engineering building (item 3) was underway in [REDACTED] and complete by [REDACTED].

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1C

Table I contains the description and dimensions of the major buildings comprising Kazan Aircraft Engine Plant No. 16. All measurements, excepting height measurements of numbered buildings, were made by the NPIC Technical Intelligence Division. Heights of numbered items were taken from the referenced [REDACTED]. All dimensions of unnumbered buildings were computed by the CIA/IAD analyst.

25X1D

The plant contains approximately 12,000 linear feet of paved roads, probably concrete, which average [REDACTED]. The plant is also serviced by about 5,600 linear feet of single-track railroad.

TOP SECRET CHESS RUFF

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

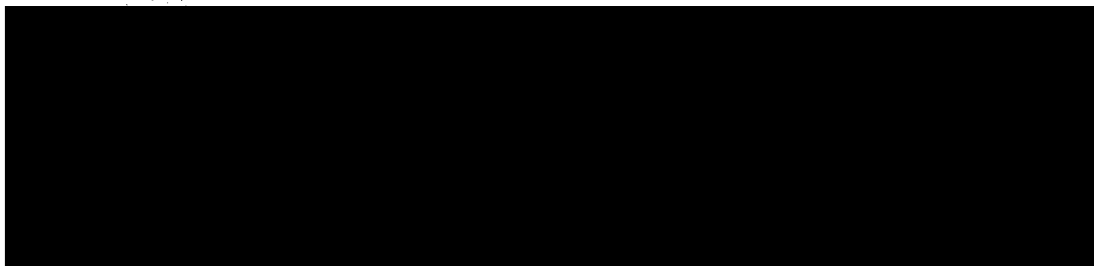
TCS - 9182/65
CIA/PIR-56002

CIA, PHOTOGRAPHIC INTELLIGENCE DIVISION

REFERENCES

PHOTOGRAPHY

25X1D



MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheet 0165-1AL,
2nd Edition, March 1961, Scale 1:200,000 (SECRET)

DOCUMENTS

25X1C



REQUIREMENT

CIA. C-RR5-82,803

CIA/IAD PROJECT

30095-6

TOP SECRET CHESS RUFF

TCS - 9182/65
CIA/PIR-65002

CIA, PHOTOGRAPHIC INTELLIGENCE DIVISION

KAZAN AIRCRAFT ENGINE PLANT NO. 16

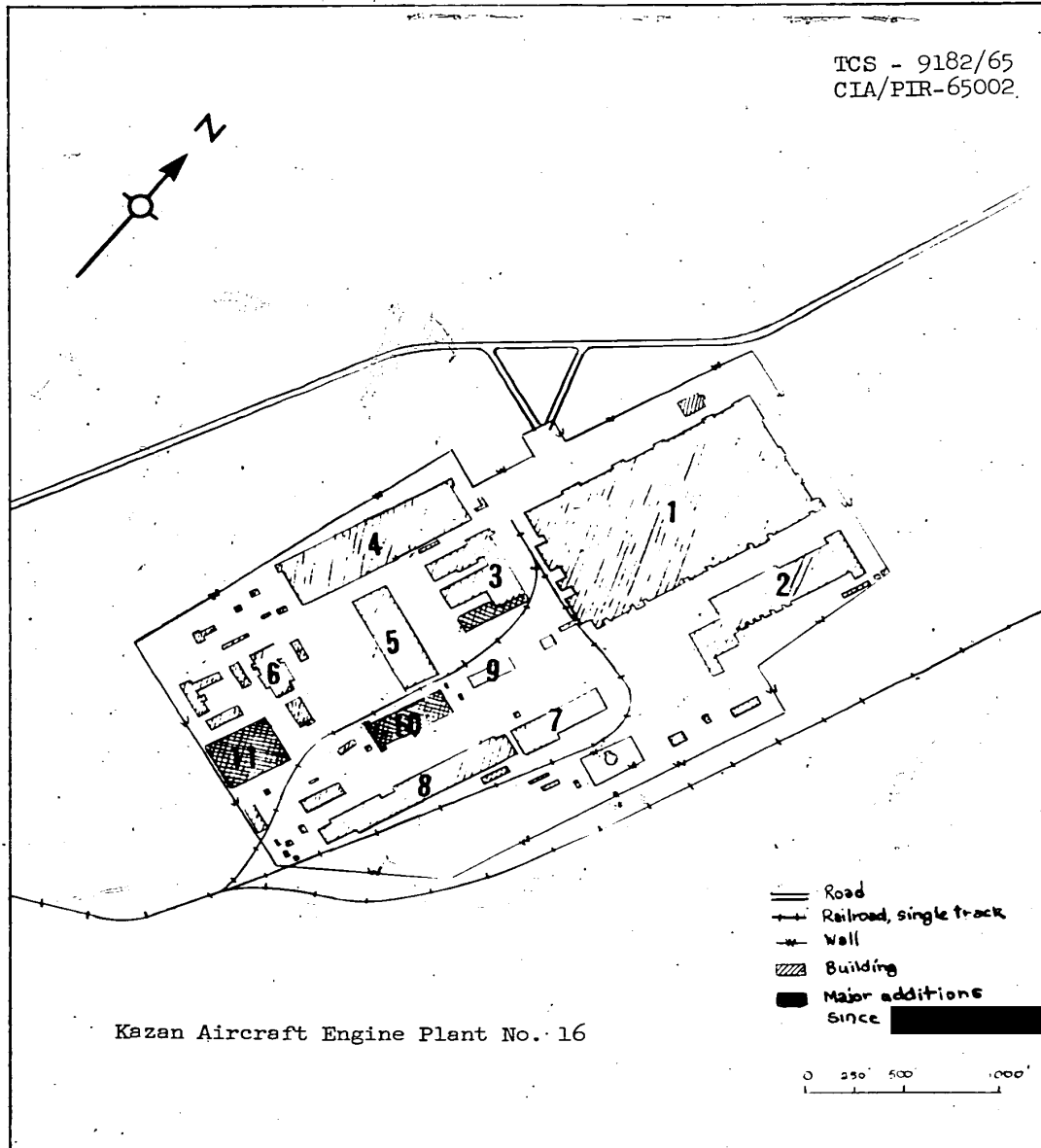
TABLE I

| Item | Description | Dimensions (Ft.) | Floorspace (Sq. Ft.) | Volume (Cu. Ft.) | |
|------|------------------------------------|------------------|----------------------|------------------|-------|
| 1 | Machine Shop/Assembly Building | | 951,400 | | 25X1D |
| 2 | Engine Assembly/Test Building | Irregular | 205,100 | 7,335,400 | 25X1D |
| 3 | Shop/Engineering Building | Irregular | 112,410 | 5,620,500 | 25X1D |
| 4 | Machine Shop | | 265,000 | | |
| 5 | Machine Shop/Sub-Assembly | | 99,120 | | 25X1D |
| **6 | Possible Forge/Foundry | Irregular 25X1D | 33,000 | 825,000 | |
| 7 | Workshop | | 63,700 | | 25X1D |
| 8 | Machine Shop/Storage Building | 1135 x 155 x 45 | 169,625 | 7,423,875 | |
| 9 | Shop/Engineering Building | | 22,800 | | 25X1D |
| *10 | Machine Shop | | 44,250 | | |
| *11 | Machine Shop/Sub-Assembly Building | 390 x 335 x 45 | 130,650 | 5,040,750 | |
| | | 25X1D | | | |
| | | | 2,097,055 | 83,605,585 | |
| | ** Shops | | 25,800 | 324,500 | |
| | ** Storage/Support | | 122,200 | 1,303,500 | |
| | TOTALS - - - - - | | 2,245,055 | 85,233,585 | |

* Indicates height measurement was made by IAD/IB analyst.
** Indicates all measurements were made by IAD/IB analyst.

TOP SECRET CHESS-RUFF

Handle Via TALENT KEYHOLE Control System Only



25X1D

FIGURE 1

TOP SECRET CHESS-RUFF

Handle Via TALENT KEYHOLE Control System Only

TCS - 3182/65
CIA/PIR-63002

KAZAN AIRCRAFT ENGINE PLANT NO. 16
KAZAN, USSR
25X1D 55 51 28N - 49 07 08E

FIGURE 2

TOP SECRET

TOP SECRET